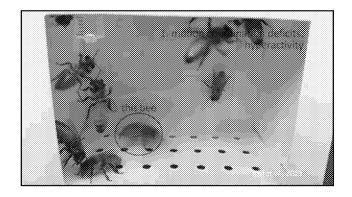
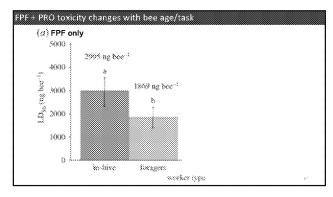
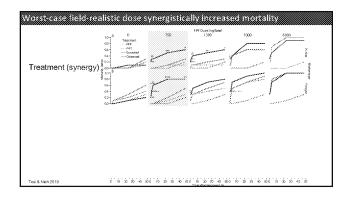
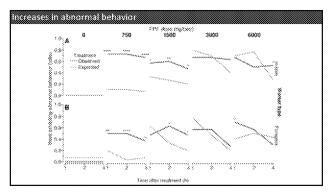


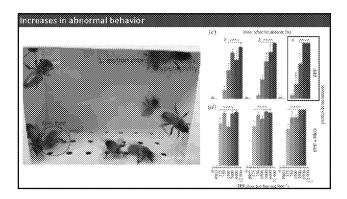
	Abnormal behaviors
> Treatments (blind)	
 Measurements (Standard Ecotox procedures) Survival Abnormal behaviors 	











Flupyradifurone 1) More toxic in sureear than spring*. 1) More toxic to forage/s than in-hive bees*. 1) Synergistic effects with fungicide (prop/conazole)*. 4) increased trembling, rolling, jumping, falling, and errate movements*. *Similar to the effects of others pesticides (neonicotinoids) Recommendations 1) Further study warranted, particularly conjunction of FPF and other bee stressors. 2) Refine RA to include assessment of abnormat behaviours 3) Refine RA to include tests of synergy with commonly encountered pesticides 4) Evaluation of FPF levels in crops and in colonies needed as FPF becomes more widely used.

